



MIDDLE ATLANTIC PERSPECTIVE

*Newsletter of the
National Network of Libraries of Medicine*

*Middle Atlantic Region
New York • New Jersey • Pennsylvania • Delaware*

The New York Academy of Medicine • 1216 Fifth Avenue • New York, NY 10029

Volume 10 • Number 6

November - December 2000

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LAST PAPER ISSUE OF THE *Middle Atlantic Perspective* *by Mary Mylenki, Associate Director*

This may be an historic document. The issue of the *Middle Atlantic Perspective* which you have in your hand is the very last issue to be published on paper. As we have previously announced, effective with the January-February 2001 issue, the regional newsletter will become an entirely electronic document.

This is specifically in response to a directive from the National Library of Medicine that all the Regional Medical Libraries move their newsletters to an electronic format. But this is not a unique or unusual change these days, as we have already seen many of our professional organizations, such as MLA Chapters and other consortia, forsake the expensive and time-consuming print format for the increased speed and efficiency of the electronic approach. In fact, one of the other RMLs has had an entirely electronic newsletter for the past four years!

We plan to continue to compile the newsletter in much the same way, and it will be available in HTML and PDF. In fact, both these capabilities have been available for several years as the newsletter has been produced both on paper and electronically, and some of you have probably been accessing it that way for some time now.

The availability of each issue will be announced on the regional listserv, MARL. [Reminder, if you aren't on MARL, you should be! You can sign on at <http://www.nnlm.nlm.nih.gov/mar/listserv.html>]

We believe that well nigh every one of our Network members has Internet access and will be able to access the newsletter easily. If you are not able to do so with reasonable ease and efficiency, let us know and we will see what we can do to help.

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NLM GATEWAY: YOUR ENTRANCE TO THE KNOWLEDGE RESOURCES OF THE NATIONAL LIBRARY OF MEDICINE

By Sonya Shooshan, Lister Hill National Center for Biomedical Communications

On October 16, 2000, the NLM Gateway was released to the public. The NLM Gateway (<http://gateway.nlm.nih.gov>) is a new Web-based system that allows users of NLM services to initiate searches in multiple retrieval systems from one interface, providing "one-stop searching" for many of NLM's information resources. The NLM Gateway was developed by the Lister Hill National Center for Biomedical Communications.

Target Audience

One target audience for the Gateway is the Internet user who is new to NLM's online resources and does not know what information is available or how best to search for it. This audience may include physicians and other health care providers, researchers, librarians, students, and increasingly, patients, their families, and the public. Other users may find the Gateway useful for an overall search of NLM's information resources. Some searchers may locate what they need immediately, while others may utilize the Gateway as an initial tool before going to other NLM search services such as PubMed and MEDLINEplus.

Gateway's Scope of Coverage

The Gateway connects users to multiple NLM retrieval systems and also provides a search interface for its own collections. These collections include various types of information that do not logically belong in PubMed, LOCATORplus, or other established NLM retrieval systems (e.g., meeting abstracts and pre-1966 journal citations; see the article "Organization of National Library of Medicine Bibliographic Databases" published in the May-June 2000 issue of the *NLM Technical Bulletin*). Verity®, a commercial full text retrieval system, is the backend system providing access to the Gateway's own collections. Please note, other NLM systems (e.g., PubMed, LOCATORplus, MEDLINEplus) will retain their own search interfaces and will continue to be publicly available.

With information from many different resources, the Gateway uses data categories as its organization scheme. Each database or information resource is a collection, and each collection is assigned to a category. Categories are based primarily on information format, with the exception of consumer health. While consumer health information may potentially be found in any category, the consumer health category highlights information intended primarily for patients, their families and the general public.

The Gateway will provide access to the information found in an increasing number of NLM retrieval systems in several phases. In the first phase, users are able to access information from the collections in the table below. Collections that will eventually be found only in the Gateway are denoted with an asterisk (*). They are now also searchable via Internet Grateful Med (IGM), a system that will be retired in phases over the coming months.

Category	Collection	Data type
Journal Citations	MEDLINE/PubMed	journal citations, 1966 to present (some 1965)
	OLDMEDLINE *	journal citations, 1958 - 1965
Books / Serials / AVs	LOCATORplus	catalog records for book, serials, audiovisual materials
Meeting Abstracts	AIDS Meetings *	professional meeting abstracts on AIDS/HIV
Databanks	HSRProj *	Health Services Research Projects in Progress
Consumer Health	MEDLINEplus Health Topics	information on health topics
	MEDLINEplus Drug Information	information on generic and brand name drugs

Gateway access to additional NLM retrieval systems will happen over time in several development phases. Among the resources to be added to the Gateway are Directory of Health Organizations (DIRLINE), *ClinicalTrials.gov*, and Health Services/Technology Assessment Text (HSTAT).

Training Available

Beginning in January 2001, the NLM Gateway will be included in NLM training courses. Training will be available in the one-day “Keeping Up with NLM’s PubMed, the NLM Gateway and *ClinicalTrials.gov*” class and the two-day “Introduction to Web-based Searching: Using PubMed, the NLM Gateway and *ClinicalTrials.gov*” class. More information on the training classes and class schedules may be found on the National Online Training Center Web site.

Searching the Gateway

Searching in the Gateway is easy. Simply enter one or more search terms or phrases in the search box found at the top of any Gateway page. The Gateway search box includes the query box and the Gateway Features bar, which offers access to several Gateway functions. Please note that multi-word search terms should be entered in quotes e.g., “cystic fibrosis” therapy. Users may limit searches to a particular category, and may choose to limit results to English only and one or more publication years. Searching on specific fields of information such as MeSH headings is available, and Boolean operators may be used. A Find Terms capability is available for identifying terms, their definitions, and related terms using Medical Subject Headings (MeSH) and the Unified Medical Language System (UMLS®) Metathesaurus. A search history feature is available for combining search statements. For more information on searching, please review the Gateway’s online help.

Once the user has entered terms and clicked on the Search button, the Gateway presents a Results Summary. A table displays each category with the number of items found, and buttons to display the search results or view the details of the search strategy.

When the user clicks on the Display Results button for Journal Citations, the search results are presented in a brief format. Brief formats are customized for

each collection, and match the native retrieval system (e.g., PubMed and LOCATOR^{plus}) as much as possible.

On the Results page, the user navigates in one of three ways. The next page and previous page arrows allows moving forward or back one page. The Jump to Page button allows users to move to a specific page in the results. Simply type the desired page number in the box, and click on the Jump to Page button. The Jump to Collection button brings the user to the first page of the specified collection. For example, to view OLDMEDLINE results, change the Pick a Collection pull-down menu to OLDMEDLINE, and click the Jump to Collection button. To view the results of another category, click on the Results button on the Gateway Function bar. The Results Summary will be displayed, and the user can choose another category.

To display the expanded view of one item, click the Expand Item button. To manipulate multiple items at one time, use the Download or Display function. Click the Download or Display button, set your choices for number of items, destination, details, and format, and click on the Go button. Results may be displayed in the Web browser, displayed in a text format for printing, saved to a file, or sent via email. The user may view items in a brief, expanded or complete level of detail. Items are available in three formats: unlabelled, labelled (full field name), or export (abbreviated field name). The export format is used for importing data into bibliographic management programs.

For PubMed citations, a Related Articles button is available from the brief and expanded results pages. Links to full-text, when available, are on the expanded results page.

Users can set preferences to adapt the Gateway to their needs, such as specifying which elements of a record they wish to see in the display of results. A “locker” is used to permanently store selected results for displaying, printing, and ordering. Both features are available on the Gateway Features bar. To take advantage of the Preferences or Locker feature, the user must login to the Gateway after registering for a free User ID and password.

Technical Specifications

On a technical note, the Gateway is written in Java. It uses Common Object Request Broker Architecture (CORBA), an open, vendor-independent architecture and infrastructure that computer applications use to work together over networks. The Gateway uses eXtensible Markup Language (XML) for internal and external messaging. Cookies and Javascript are not utilized in the Gateway. The NLM Gateway runs on a “server farm” of seven small Sun Ultra servers, and two Sun 3500 mid-range servers. Additional servers can easily be added to the “server farm” as the use of the Gateway increases over time. With rare exceptions, the Gateway is available 24 hours a day, seven days a week.

More to Come

More information on searching may be found in the Gateway Help and Frequently Asked Questions (FAQ). Watch future issues of the *NLM Technical Bulletin* for highlights of specific search features.

WHY AREN'T YOU A MEMBER?

by Joanne Jahr, Network Programs Coordinator

Over the years this newsletter has been mailed to many different types of libraries in the Middle Atlantic Region—NN/LM Network members, non-members, DOCLINE libraries, non-DOCLINE libraries, etc. With the print version disappearing after this issue, this is perhaps the last time we will have the opportunity to exhort those of you who have been receiving the newsletter who are not Network members or DOCLINE participants.

For those of you who are not yet members of the National Network of Libraries of Medicine, consider this a call to join! For those of you who are not as yet on DOCLINE, consider this a call to participate!

DOCLINE is a seamless, efficient, cost-effective document delivery resource with the potential to provide your patrons access to the health science collections of over 4,500 libraries throughout North

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This is also a good opportunity to remind you that we welcome suggestions and contributions to the newsletter. If there is a burning issue you would like to write about, or if there is something that you think we should address, please let us know. Joanne Jahr is the newsletter editor, and she can be reached at jjahr@nyam.org or at 212-822-7352 or 800-338-RMLS (7657.)

Everyone here at the RML joins in wishing all of you the very best for the holiday season and for the coming New Year (either the first or the second of the New Millennium!)



America. Most libraries hold *JAMA*, but how many hold *DNA Research*? Most libraries hold the *New England Journal of Medicine*, but how many hold *Tetrahedron*, *Asymmetry*? DOCLINE gives you access to the rare and unique titles as well as the common and popular ones.

Network members also have access to training in the effective and efficient use of PubMed and other NLM databases, up-to-date information on Consumer Health Education, technical assistance and the knowledge that over 4,500 libraries are available for support.

Information on Network Membership and DOCLINE eligibility guidelines can be found at <http://www.nlm.nih.gov/pubs/factsheets/nnlmem.html> <http://www.nlm.nih.gov/docline/doclineguidelines.html>

If you have any questions, please do not hesitate to contact us at 1-800-338-7657; press 1 for the Regional Network office.



PubMed Central: free online access to the full text of life science research articles



NLM's Online Publishing Venture Provides Permanent Archive of Life Sciences Research Articles Free via the World WideWeb

by

Andrew Hamilton, Online Analyst, National Online Training Center

PubMed Central (www.pubmedcentral.nih.gov/) is a source for peer-reviewed primary research reports in the life sciences. It was created by the NIH as a barrier-free repository allowing access to and archiving of the full text of life science oriented research articles. The Medical Library Association, the Association of Academic Health Science Libraries, and the Association of Research Libraries have expressed support for PubMed Central. PubMed Central evolved from a proposed electronic publishing service called E-Biomed which was conceptualized by former NIH Director Harold Varmus. It began accepting journal articles in January 2000. There are currently six journals available via PubMed Central with a number of additional journals in the process of being added to the service.

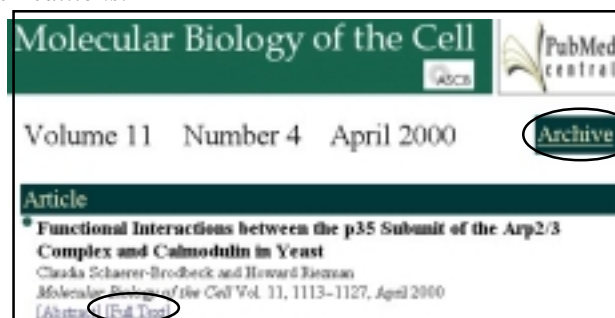
On August 15, 2000, NCBI added the first links from PubMed citations to the full-text of articles found in PubMedCentral. As of September 6th, *Molecular Biology of the Cell* is the only PubMed Central resource to be linked to the corresponding PubMed

record. It is anticipated that other PubMed Central links will be added to the corresponding PubMed records in the near future. PubMed Central links are different from those available via PubMed's LinkOut feature which takes users directly to a provider's WWW site to access the information. One of PubMed Central's primary responsibilities is to serve as a digital archive and guarantee future access to electronic material and thus does not rely on links to provider WWW sites to deliver the information to the user. Users can directly access the full text of participating PubMed Central journals stored within the PubMed Central page by clicking on the name of the desired journal. Users will also find that the records stored within PubMed Central will possess a similar layout which will differ from those found on the original provider's WWW site. More detailed information describing the project is available online at: <http://www.nlm.nih.gov/pubs/staffpubs/lo/pubmedcentral-mla2000/index.htm> Let's take a look at how one would access full text from *Molecular Biology of the Cell* via PubMed Central:



Clicking on a journal name from the journal list within PubMed Central will take the user to a table of contents to the most recent edition that has been placed within PubMed Central.

From that point a user can then access the full text of individual articles or click on an Archive link for access to earlier editions.



FREESHARE – FREE RECIPROCAL INTERLIBRARY LOAN GROUP

by Joanne Jahr, Network Programs Coordinator

FreeShare is a new cross-regional library group for DOCLINE libraries that would like to participate in free, reciprocal lending. Participation in FreeShare and/or withdrawal from the group is by self-selection; there is no required agreement form, regional affiliation, or institutional affiliation. By electing to participate, libraries in the FreeShare group agree to fill document delivery requests free of charge on a reciprocal basis. If you wish to join the group, contact the RML office and we will be happy to add your institution to the list.

Libraries participating in FreeShare can list each other in their routing tables (or route specific requests to other FreeShare group participants). Each FreeShare library is responsible for reviewing requests received to determine whether it is from a FreeShare partner and should not be billed/charged, regardless of the maximum cost indicated. You can view the FreeShare member listing in DOCUSER to identify LIBIDs of FreeShare members to add to your routing table.

1. Login to DOCLINE.
2. Select the DOCUSER book icon on the main menu bar at the top of the screen. Select Search/View from the DOCUSER sub-menu.
3. Click on the first "Search in:" box, select "Library group code" from the pull-down menu, and select FreeShare from the Code Information window that pops up. (Use the second "Search in:" box to limit by region, state, etc., if desired.)
4. Click on "Search" at the bottom of the frame, and the Institution list (the default display results list) of FreeShare members will display. If you wish to see the number of holdings the FreeShare members have in SERHOLD, change the default display results from "Institution list" to "SERHOLD Participant" and then click on "Search."

To find out which FreeShare libraries own a particular journal,

1. Select the SERHOLD book icon on the main menu bar at the top of the screen and select Search/View from the SERHOLD sub-menu.
2. Enter the appropriate bibliographic information, e.g., the NLM Unique ID, the ISSN, OCLC number, etc.
3. In the Search Limits section, select the Library Group check box, highlight FreeShare from the pop-up list, and then select "Apply."
4. Select "Search" and SERHOLD will display a list of libraries holding the journal.

The Library group code "FreeShare" will appear on requests generated by group members, so other group members will know not to bill them.

As of late November, 448 libraries signed up as FreeShare members. Of those, 64 libraries are in Region 1 with an overlap of 54 that are also BHSL libraries.

NEW CONSORTIUM FORMED

There is a new consortium in the Middle Atlantic Region. The Southern New Jersey Consortium for Health Information (SNJCHI) has been formed from a merger of SWNJ—Southwest New Jersey Consortium for Health Information—and the Pinelands Consortium for Health Information. Grant Wilinski at Atlantic Cape Community College is the coordinator; Kim Fogle (Our Lady of Lourdes School of Nursing) is in charge of the BHSL notices; and Susan Cleveland (Virtua West Jersey Hospital @ Voorhees) will keep the statistics.

The members' listing can be found in DOCUSER > Search/View > Search In: Library Groups > SNJCHI

Keep in mind that since SWNJ is no longer in existence, the union list product for that consortium is gone. The library group union list for SNJCHI will be created when NLM next generates union lists for library groups in January.

NEW DOCLINE PARTICIPANT ADDENDUM

The most recent institutions activated in DOCLINE are:

LIBID	INSTITUTION
NYUCCG (Old LIBID: 10010I)	Baruch College/ CUNY* New York, NY
NYUHUV	Emisphere Technologies, Inc. Tarrytown, NY

* NOTE: Baruch College now houses the collection formerly located at the Postgraduate Center for Mental Health (Old LIBID 10016H)

NLM TECHNICAL BULLETIN 2000

The following articles from the current *Technical Bulletin* are available on the Web at:

<http://www.nlm.nih.gov/pubs/techbull/tb.html>

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Searching *ClinicalTrials.gov* - e1

PubMed Central Links Added to PubMed - e2

Hands On: Registering for the PubMed Cubby - e3

NLM Online Users' Meetings 2000: DOCLINE

Questions and Answers - e5

The Cubby - A New PubMed Feature - e6

Technical Notes - e4

MeSH® Tools 2001 Available for Purchase

MeSH® Files 2001 Available for

Downloading

Updated Training Manuals Available

National Library of Medicine

Classification, 5th ed., rev. 1999

Now Available

New Clinical Advisory Issued On Hearing
Loss

EJOURNALS

We would like to bring to your attention the following page on the NN/LM web site, which we share with the other regional libraries:

<http://www.nlm.nih.gov/libinfo/ejournals/>

You will find there links to free medical ejournals as well as information about collection development and licensing of ejournals, NLM policy on acquiring copyrighted material in electronic format, and a bibliography of additional reading. In the very near future there will be links to free medical textbooks as well, so you might wish to bookmark the page.

NEW VIDEOTAPE AVAILABLE

A new videocassette, "Health Services Research: A *Historical Perspective*," issued by the National Information Center on Health Services Research and Health Care Technology (49 minutes in length), is available on loan from the RML. This tape covers highlights in health services research from 1900 to the present. Events such as the first National Health Survey in 1935, congressional passage of the 1930 Social Security Act, and the initiation of the Medicare and Medicaid programs in 1965 are discussed in their historical context. The RML received one copy. If you would like to borrow the tape, you may request it through DOCLINE through the New York Academy of Medicine Library. In your request, please note in the Comments field, "Available from RML." There is no charge to borrow the tape.



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MIDDLE ATLANTIC PERSPECTIVE is supported under
NLM Contract NOI - LM - 6 - 3521 and is published bimonthly.